

Amendments to the Specification:

Please delete paragraph [0017], which starts with "Figure 8."

Please replace paragraph [0042] with the following amended paragraph:

[0042] The calibration of the phased array transducer unit 122 of Figure 4 can be accomplished using a Distance-Gain-Size (DGS) technique that relates the amplitude of reflected sound from the hub bore 18 of the turbine wheel 10 to the amplitude response from known size flat bottom holes (FBH) at varying distances from the unit 122. ~~A sample DGS diagram for flat and parallel sided geometry is provided in Figure 8 as an example of the method. The backwall response in this case would be replaced by the reflection from the turbine wheel 10. The DGS~~ A DGS diagram can be obtained through computer modeling of the sound field responses or can be determined empirically using geometrically equivalent calibration blocks containing machined FBH reflectors.